

19 November 2024

## GUIDELINE ON CLINICAL INVESTIGATION OF MEDICAL DEVICES

This guideline is intended to clarify the requirements of conducting a clinical investigation in a medical device in South Africa. It represents the Authority's current thinking on the safety, quality and performance of medical devices under clinical investigation. It is not intended as an exclusive approach. The Authority reserves the right to request any additional information to establish the safety, quality and performance of a medical device in keeping with the knowledge current at the time of evaluation. Alternative approaches may be used but these should be scientifically and technically justified. The Authority is committed to ensure that all registered medical devices will be of the required acceptable quality, safety and performance.

### Document History

Final Version	Reason for Amendment	Effective Date [dd Month yyyy]
1	Published for public comment	15 November 2024
2		

**DR BOITUMELO SEMETE-MAKOKOTLELA**  
 CHIEF EXECUTIVE OFFICER

## Contents

Document History .....	1
Glossary .....	3
Definition of terms .....	4
1. INTRODUCTION .....	6
1.1 Purpose.....	6
1.2 Scope .....	6
1.3 Ethical Considerations for Clinical Investigations .....	7
2. LEGAL PROVISION .....	7
3. INTERNATIONAL STANDARDS.....	7
4. REQUIREMENTS TO CONDUCT CLINICAL INVESTIGATION.....	7
4.1 Documents.....	8
4.2 Notifications and Reports .....	8
5. GENERAL PRINCIPLES WHEN CONSIDERING THE NEED FOR A CLINICAL INVESTIGATION .....	9
5.1 When should a clinical investigation be undertaken?.....	11
5.2 What are the key considerations in clarifying the need for clinical investigations?.....	11
5.3 Clinical investigation evaluation undertaken for the development of a medical device.....	12
5.4 Clinical investigation for initial Registration .....	12
6. GENERAL PRINCIPLES OF CLINICAL INVESTIGATION DESIGN.....	13
6.1 Compliance of Clinical investigation .....	13
6.2 Clinical data requirements.....	13
6.3 Considerations for Medical Device Study Protocols .....	14
6.4 Statistical requirements.....	14
6.5 Conduct of Clinical Investigations.....	15
6.6 Final Study Report .....	15
7. ETHICAL CONSIDERATIONS FOR CLINICAL INVESTIGATIONS.....	15
8. REFERENCES.....	15
9. VALIDITY .....	16

## Glossary

Abbreviation/ Term	Meaning
CI	Clinical Investigation
CIMD	Clinical Investigation of a Medical Devices
GHTF	Global Harmonization Task Force
IMDRF	International Medical Devices Regulators Forum
ISO	International Organization for Standardization
PMS	Post Marketing Surveillance
SAHPRA	South African Health Products Regulatory Authority

## Definition of terms

**Adverse Event:** means any untoward medical occurrence or undesirable incident, that may occur in association with the use of a medical device which—

- (a) does not necessarily have a causal relationship with its use; or
- (b) may occur due to its malfunction, its deterioration of safety, quality or performance or an error of its use;

**Clinical Data:** Safety, clinical performance, and/or effectiveness information that is generated from the clinical use of a medical device.

**Clinical Evaluation:** A set of ongoing activities that use scientifically sound methods for the assessment and analysis of clinical data to verify the safety, clinical performance, and/or effectiveness of the medical device when used as intended by the manufacturer.

**Clinical Evidence:** The clinical data and its clinical evaluation pertaining to a medical device.

**Clinical Investigation:** Any systematic investigation or study in or on one or more human subjects, undertaken to assess the safety, clinical performance, and/or effectiveness of a medical device.

**Clinical Investigation Plan:** Document that states the rationale, objectives, design and pre-specified analysis, methodology, monitoring, conduct and record-keeping of the clinical investigation.

**Clinical Performance:** means a study undertaken to establish or confirm the clinical performance of an IVD;

**Conformity Assessment:** relevant testing, calibration, inspection or certification of a medical device or a quality management system;

**Effectiveness:** The ability of a medical device to achieve clinically meaningful outcome(s) in its intended use as claimed by the manufacturer.

**Endpoint:** An indicator used for providing the evidence for safety, clinical performance, and/or effectiveness in a clinical investigation (ISO 14155:2011, modified).

**Ethics Committee:** Independent body whose responsibility it is to review clinical investigations in order to protect the rights, safety and well-being of human subjects participating in a clinical investigation.

**Investigator:** Individual member of the investigation site team designated and supervised by the principal investigator at an investigation site to perform critical clinical investigation –related procedures or to make important clinical investigation-related decisions. NOTE 1: An individual member of the investigation site team can also be called ‘sub- investigator’ or ‘co-investigator’.

**Multi-Regional Clinical Investigation:** A clinical investigation conducted in more than one region under a single protocol.

**Region:** A geographical region, country or regulatory region.

**Regulatory Region:** A region comprised of jurisdictions for which common sets of regulatory requirements apply.

**Residual Risk:** Risk remaining after risk control measures have been taken (ISO 14971:2007).

**Risk Management:** Systematic application of management policies, procedures and practices to the tasks of analysing, evaluating, controlling and monitoring risk (ISO 14971).

**Safety:** Acceptability of risks as weighed against benefits, when using the medical device according to the manufacturer's labelling.

**Sponsor:** Individual or organization taking responsibility and liability for the initiation or implementation of a clinical investigation.

DRAFT

## 1. INTRODUCTION

A clinical investigation (CI) of a medical device is defined as any systematic investigation or study in or on one or more human subjects, undertaken to assess the safety, clinical performance and/or effectiveness of a medical device.

The undertaking of a clinical investigation is a scientific process that represents one method of generating clinical data. The objective of a clinical investigation is to assess the safety, clinical performance and/or effectiveness of a medical device for a particular indication or intended use. ISO 14155: 2020 Clinical Investigation of Medical Devices for Human Subjects — Good clinical practice details the requirements for the conduct of clinical investigations. This is an international standard that addresses good clinical practice for the design, conduct, recording and reporting of CIs carried out in human subjects to assess the safety or performance of medical devices for regulatory purposes.

Thirteen principles are included such as adherence to ethical principles (as per the Declaration of Helsinki), subjects' rights, a determination that benefits outweigh risks and oversight by an independent ethics committee. The two main CI's relevant to regulation of medical devices, are those conducted during premarket and post market assessments.

A CI must consider scientific principles underlying the collection of clinical data along with accepted ethical standards surrounding the use of human subjects. Every medical device requires clinical evidence, appropriate for the use and classification of the device, demonstrating that the device complies with the applicable provisions of the Essential Principles of Safety and Performance of medical devices.

In general, CIs of investigational medical devices require two types of assessment, from a national competent authority for medical devices and from a relevant research ethics committee prior to beginning the study.

### 1.1 Purpose

The purpose of this document is to provide an overview on the medical device regulations guidance on how to submit applications to conduct CIs within the Republic of South Africa. Given the wide diversity of medical devices and their associated risks, this document is not intended to provide comprehensive guidance for clinical investigations of specific medical devices

### 1.2 Scope

The intention is to be a dynamic document that supplements the medical devices regulations. This guideline is applicable to all applicants intending to conduct clinical investigations for medical devices.

### 1.3 Ethical Considerations for Clinical Investigations

As a general principle, “the rights, safety and wellbeing of clinical investigation subjects shall be protected consistent with the ethical principles laid down in the Declaration of Helsinki” and the applicable regulatory requirements or other relevant standards (ISO 14155:2020). It is ethically important in deciding to conduct a clinical investigation that it should generate new data and answer specific safety, clinical performance, and/or effectiveness questions that remain unanswered by the most current body of knowledge.

The desire to protect human subjects from unnecessary or inappropriate experimentation must be balanced with the need to protect public health using CI where they are indicated. In all cases, however, care must be taken to ensure that the necessary data are obtained through a scientific and ethical investigational process that does not expose subjects to undue risks or discomfort. The rights, safety and well-being of subjects are paramount, and appropriate trial design and conduct is essential to generate meaningful data.

## 2. LEGAL PROVISION

Regulations relating to medical device Government Gazette

## 3. INTERNATIONAL STANDARDS

- ISO 14155:2020 Clinical investigation of Medical Devices for human subjects - Good clinical Practice
- ISO 14971:2019 Application of risk management to medical devices
- Clinical investigation of medical devices shall comply with the requirements established by the National Ethics Review Board.

## 4. REQUIREMENTS TO CONDUCT CLINICAL INVESTIGATION

Any Clinical Investigation of a Medical Device (CIMD) to be conducted within the Republic of South Africa shall be approved by the Authority before commencement. Investigational medical devices can only be imported for clinical investigations if approval is obtained from the Authority. Any person or body intend to conduct clinical investigation should submit their applications through the SAHPRA Regulatory Information Management System, applications should be accompanied by the prescribed fees as per Fees and Charges Regulations in Force and the following information;-

## 4.1 Documents

<b>CHECKLIST -Documents Submitted with Application (Circle or shade applicable)</b>	
Signed and dated Cover letter	YES / NO
Application form ( <i>Annexure A</i> )	YES / NO
Checklist completed	YES / NO
Protocol (version and date)	YES / NO
Clinical investigation plan or clinical trial or clinical performance assessment for the medical device/IVD protocol	YES / NO
Clinical investigation agreement between sponsor and Clinical Research Organization (CRO) if applicable	YES / NO
Clinical investigation agreement between sponsor and clinical investigation site(s)/principal investigator(s)	YES / NO
Investigator Brochure	YES / NO
Informed consent documents	YES / NO
Instructions for use	YES / NO
Curriculum vitae of the investigator/s (SAHPRA format)	YES / NO
Investigator/s proof of GCP training certificates (not more than 3 years old)	YES / NO
Investigator/s proof of current malpractice insurance (Certificate/ Card)	YES / NO
Signed declaration by investigator/s	YES / NO
National Principle Investigator (CV/GCP/Malp/Declaration)	YES / NO
Participant insurance & expiry date (where relevant)	YES / NO
Proof of sponsor indemnity for investigators and trial sites	YES / NO
Proof of application to register the trial/investigation/performance assessment on SANCTR	YES / NO
Workloads for investigators	YES / NO
Copy of ethics approval	YES / NO
Copy of letter submitted to Ethics Committee	YES / NO



Reimbursement for patients	YES / NO
Remuneration to investigators	YES / NO
Study budget	YES / NO
Patients questionnaire(s)	YES / NO
Proof of registration with Professional Statutory Body(ies)	YES / NO
Additional information, i.e. Cert. of analysis (where relevant)	YES / NO

## 4.2 Notifications and Reports

- Notification for withdrawal of ethics committee within 5 working days
- Notification for suspension or termination of clinical investigation within 5 working days
- Major deviations from the investigational plan
- Change of principle investigator
- Progress reports every Six (6) months
- Serious adverse events that has led to serious adverse effect
- Clinical investigational final report

**Note: The authority reserves the right to inspect the ongoing clinical investigation without prior notice**

## 5. GENERAL PRINCIPLES WHEN CONSIDERING THE NEED FOR A CLINICAL INVESTIGATION

The investigation should be appropriate to the device under evaluation, its specific properties, and its intended purpose. Benefits and risks should be specified, e.g., as to their nature, probability, extent, duration and frequency. Core issues are the proper determination of the benefit/risk profile in the intended target groups and medical indications, and demonstration of acceptability of that profile based on current knowledge/ the state of the art in the medical fields concerned.

Clinical investigation is a responsibility of the manufacturer and its report is an element of the technical documentation of a medical device. Conformity to the Essential Principles can only be assumed when the following items are aligned with each other:

- The information materials supplied by the manufacturer (the labelling, instructions for use, available

promotional materials, including accompanying documents foreseen by the manufacturer),

- The clinical investigation (the device description used for the clinical investigation , other contents of the clinical investigation report),
- Available clinical data (such as results of Clinical Investigations, publications, PMS studies, etc.). Particularly, evaluators should address the following points to decide if these are adequately supported by sufficient clinical evidence:
  - The intended purpose described in the information materials supplied by the manufacturer (including for all medical indications);
  - The clinical performance and benefits described in the information materials supplied by the manufacturer (including, for example, any claims on product performance and safety);
  - Measures for risk avoidance and risk mitigation described in the information materials supplied by the manufacturer (including, for example the declaration of the residual risks, - contraindications, precautions, warnings, instructions for managing foreseeable unwanted situations);
  - The usability of the device for the intended users and the suitability of the information materials supplied by the manufacturer for the intended users (including, if applicable, for lay or disabled persons);
  - Instructions for target population groups (including, for example, pregnant women, paediatric populations).

## 5.1 When should a clinical investigation be undertaken?

Clinical investigations are necessary to provide data not available through other sources (such as literature or nonclinical testing) required to demonstrate compliance with the relevant Essential Principles (including safety, clinical performance and acceptability of benefit/risk associated with its use). When a clinical investigation is conducted, the data obtained is used in the clinical evaluation process and is part of the clinical evidence for the medical device.

When considering the need for a clinical investigation, one should consider whether there are new questions of safety, clinical performance and/or effectiveness for the particular medical device and intended use that need to be addressed in a clinical investigation. Generally, such questions are more likely to be generated for high risk and/or novel medical devices.

For long established technologies, the clinical investigation data that might be required for novel technologies may not be necessary. The available clinical data in the form of, for example, published literature, reports of clinical experience, post-market reports and adverse event data may, in principle, be adequate to establish the safety, clinical performance, and/or effectiveness of the medical device, provided that new risks have not been identified, and that the intended use(s)/purpose(s) has/have not changed.

## 5.2 What are the key considerations in clarifying the need for clinical investigations?

- Identifying relevant clinical Essential Principles (for example, specifics of safety, clinical performance, acceptability of benefit/risk) for the medical device and its intended use/purpose(s).
- Performing risk management (ISO 14971:2019) activities such as a risk analysis will help in identifying the clinical data necessary to address residual risks and aspects of clinical performance not completely resolved by available information (e.g. design solutions, nonclinical and material/technical evaluation, conformity with relevant standards, labelling).
- Risk control measures include inherent safety by design, protective measures in the medical device itself or in the manufacturing process, and information for safety. The decision to use a medical device in the context of a clinical procedure requires the residual risk to be balanced against the anticipated benefits of the procedure. A clinical investigation may be required to further elucidate the benefit/risk in a defined patient population;

- Conducting a proper clinical evaluation will demonstrate which clinical data are necessary, and can be adequately contributed to by sources such as literature searching, prior clinical investigations (including clinical data generated in other jurisdictions), clinical experience, or clinical data available from comparable devices, and which clinical data should be generated from clinical investigation(s) when data are unavailable or insufficient to demonstrate conformity to the Essential Principles. Available clinical data from comparable devices should be carefully examined for comparability and adequacy.

### 5.3 Clinical investigation evaluation undertaken for the development of a medical device

Premarket research and development are guided by clinical investigation and risk management. Typically, manufacturers carry out clinical investigation to define needs regarding clinical safety and clinical performance of the device.

in case of possible equivalence to an existing device, evaluate if there are clinical data available and determine equivalence; carry out a gap analysis and define which data still need to be generated with the device under evaluation, whether clinical investigations are necessary and if so, define the study design for additional information. As the initial clinical evaluation identifies the questions to be answered by a clinical investigation, the clinical evaluation process should generally commence in advance of any clinical investigation.

### 5.4 Clinical investigation for initial Registration

Clinical evaluation is required to be carried out for the conformity assessment process leading to the product registration and placing on the market of a medical device. The purpose is to: document that there is sufficient clinical evidence to demonstrate conformity with the Essential Principles covering clinical performance and clinical safety;

identify aspects that need to be addressed systematically during post-market surveillance (PMS), e.g. in post market clinical follow-up studies (PMCF Studies) required under the medical device directives. Typically, these aspects include estimation of residual risks and uncertainties or unanswered questions (such as rare complications, uncertainties regarding long-term performance, safety under wide-spread use).

## 6. GENERAL PRINCIPLES OF CLINICAL INVESTIGATION DESIGN

### 6.1 Compliance of Clinical investigation

Any clinical investigation must;-

- Be based on the results of the clinical evaluation process;
- Follow a proper risk management procedure to avoid undue risks;
- Be compliant with all relevant legal and regulatory requirements;
- Be appropriately planned, conducted, analysed and reported;
- Follow appropriate ethical principles.

### 6.2 Clinical data requirements

The design of the clinical investigation, including the study objectives and statistical considerations, should provide the clinical data necessary to address the residual risks, including aspects of clinical performance.

Factors that may influence include;-

- Type of medical device and/or regulatory classification;
- Novel technology/relevant previous experience;
- Clinical application/indications;
- Nature of exposure to the product (e.g. surface contact, implantation, ingestion)
- Risks inherent in the use of the product (e.g. risk associated with the procedure)
- Performance claims made in the medical device labeling (including instructions for use) and/or promotional materials
- Component materials or substances
- Disease process (including severity) and patient population being treated
- Demographic, geographic and cultural considerations (e.g. age, ethnicity, gender)
- Potential impact of device failure
- Period of exposure to the medical device
- Expected lifetime of the medical device
- Availability of alternative treatments and current standard of care
- Ethical considerations

### 6.3 Considerations for Medical Device Study Protocols

Factors needing consideration in study protocols include:-

- Clear statement of objectives
- Minimization of risk to subjects and those involved with the conduct of the investigation
- Adverse event definitions and reporting
- Study endpoints
- Appropriate subject population(s)
- Minimization of bias (e.g. randomization, blinding/masking, concealment of allocation)
- Identification of confounding factors (e.g. concurrent therapies, co-morbidities)
- Choice of appropriate controls (e.g. active control, sham, historical)
- Design configuration (e.g. parallel, crossover, cohort study, single arm)
- Type of comparison (e.g. superiority, non-inferiority, equivalence)
- Follow-up duration and monitoring

### 6.4 Statistical requirements

In designing the study, statistical considerations should be prospectively specified and be based on sound scientific principles and methodology. Development of a statistical plan should include consideration of the following:

- Clinically relevant endpoints
- Analysis population
- Statistical significance levels, power
- Sample size calculation and justification
- Analysis methodology
- Management of potential confounding factors
- Procedures for multiplicity control and adjustment of error probabilities
- Procedures for handling of missing, unused or spurious data, including drop-outs
- Procedures for handling deviations from the original statistical analysis plan

## 6.5 Conduct of Clinical Investigations

A properly conducted clinical investigation, including compliance to the clinical investigation plan and local laws and regulations, ensures the protection of human subjects, the integrity of the data and that the data obtained is acceptable for the purpose of demonstrating conformity to the Essential Principles. ISO 14155 outlines good clinical practice for clinical investigations of medical devices.

## 6.6 Final Study Report

The outcome of a clinical investigation should be documented in a final study report. This then forms part of the clinical data that is included in the clinical evaluation process and ultimately becomes integrated into the clinical evaluation report for the purposes of conformity assessment.

## 7. ETHICAL CONSIDERATIONS FOR CLINICAL INVESTIGATIONS

The rights, safety and wellbeing of clinical investigation subjects shall be protected consistent with the ethical principles laid down in the Declaration of Helsinki” and the applicable regulatory requirements or other relevant standards (ISO 14155:2020).

It is ethically important in deciding to conduct a clinical investigation that it should generate new data and answer specific safety, clinical performance, and/or effectiveness questions that remain unanswered by the current body of knowledge. The desire to protect human subjects from unnecessary or inappropriate experimentation must be balanced with the need to protect public health through the use of clinical investigations where they are indicated. In all cases, however, care must be taken to ensure that the necessary data are obtained through a scientific and ethical investigational process that does not expose subjects to undue risks or discomfort. The rights, safety and well-being of subjects are paramount, and appropriate trial design and conduct is essential to generate meaningful data.

## 8. REFERENCES

- IMDRF: 2018- Essential Principles of Safety and Performance of Medical Devices and IVD Medical Devices
- IMDRF: 2019 Principles of Labeling for Medical Devices and IVD Medical Devices document when released
- IMDRF :2019 Clinical Evidence – Key definitions and Concepts
- GHTF :2008 Summary Technical Documentation for Demonstrating Conformity to the Essential Principles of Safety and Performance of Medical Devices (STED)

- ISO 14155:2011 -Clinical investigation of medical devices for human subjects — Good clinical practice
- ISO 14971:2007 -Medical devices -Application of risk management to medical devices

## 9. VALIDITY

This guideline is valid for a period of 5 years from the effective date of revision and replaces the It will be reviewed on this timeframe or as and when required.

DRAFT



**Annex 1: Application Form for Clinical Investigation of Medical Devices**

	Date Received .....	For SAHPRA Use	
		For SAHPRA Use	
<b>Status</b>			
1.1	Aim of Study	<input type="checkbox"/> Pre-marketing approval for new device <input type="checkbox"/> Pre-marketing approval for new claims <input type="checkbox"/> Post-Marketing study <input type="checkbox"/> Non-Marketing study	
1.2	Type of Study	<input type="checkbox"/> Observational study <input type="checkbox"/> Interventional study	
1.3	Does this clinical investigation involve first-in-human use?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
1.4	Will the investigational device be imported into South Africa	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Sponsor details</b>			
2.1	Type of Sponsorship	<input type="checkbox"/> Commercial <input type="checkbox"/> Non-commercial	
2.2	Type of sponsor	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Authorized Representative <input type="checkbox"/> Hospital <input type="checkbox"/> Independent individuals <input type="checkbox"/> Foundation <input type="checkbox"/> University or Institution <input type="checkbox"/> Other, please specify: -----	
2.3	Type of aid	<input type="checkbox"/> Material support <input type="checkbox"/> Funding support <input type="checkbox"/> Other, please specify: -----	
2.4	Sponsor Details	Name _____ SAHPRA account (if applicable) _____ Address _____ Phone _____ Fax _____ E-mail _____ Contact person name _____ Contact person phone _____	

		Contact person e-mail _____	
2.5	Person responsible for completing the application	Name _____ Position _____ Phone _____ E- mail _____	
3. CRO Details	Clinical Research Organization, if applicable	Name _____ SAHPRA's license (if applicable) _____ Address _____ Phone _____ Fax _____ E- mail _____ Contact person name _____ Contact person phone _____ Contact person e-mail _____	
<b>4. Investigational Device Information</b>			
4.1	Is the device registered By SAHPRA?	<input type="checkbox"/> Yes, where applicable: <input type="checkbox"/> No: _____ <input type="checkbox"/> No, but registered in: <input type="checkbox"/> Australia <input type="checkbox"/> Canada <input type="checkbox"/> Japan <input type="checkbox"/> USA <input type="checkbox"/> EU <input type="checkbox"/> Other, please specify: ..... <input type="checkbox"/> Not registered anywhere	
4.2	Investigational Device Name	_____	
4.3	Device Category	<input type="checkbox"/> Active implantable devices <input type="checkbox"/> Anaesthetic and respiratory devices <input type="checkbox"/> Dental devices <input checked="" type="checkbox"/> Electromechanical medical devices <input type="checkbox"/> Hospital hardware <input type="checkbox"/> Non-active implantable devices <input type="checkbox"/> Ophthalmic and optical devices <input type="checkbox"/> Reusable devices <input type="checkbox"/> Single use devices <input type="checkbox"/> Assistive products for persons with disability	

		<input type="checkbox"/> Diagnostic and therapeutic radiating devices <input type="checkbox"/> Complementary therapy devices <input type="checkbox"/> Biologically derived devices <input type="checkbox"/> Healthcare facility products and Adaptations <input type="checkbox"/> Laboratory equipment <input type="checkbox"/> Other: .....	
4.4	Is the device an implantable?	<input type="checkbox"/> No <input type="checkbox"/> Yes, brief description: ..... ..... <input type="checkbox"/> Is the device intended to remain permanently implanted in the patient: <input type="checkbox"/> No <input type="checkbox"/> Yes	
4.5	Whether the device is intended to be used for cosmetic rather than medical purposes	<input type="checkbox"/> No <input type="checkbox"/> Yes, Select: <input type="checkbox"/> A non-corrective contact lens <input type="checkbox"/> An implant for augmentation, fixation, or sculpting of body parts <input type="checkbox"/> A facial or other skin filler <input type="checkbox"/> Equipment for liposuction <input type="checkbox"/> Surgical laser equipment	
4.6	Does the device incorporate, as an integral part or substance, a medicinal product in achieving its primary intended action?	<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Brand name of drug: .....	
4.7	Does the device incorporate a substance of animal origin?	<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Type of tissue, cell, or substance: .....	
4.8	Does the device incorporate human tissue, cell, or substance?	<input type="checkbox"/> No <input type="checkbox"/> Yes Type of tissue, cell, or substance: .....	
4.9	Does the device incorporate cells or substance of microbial origin?	<input type="checkbox"/> No <input type="checkbox"/> Yes Type of microorganism: .....	

4.10	The intended purpose of the investigational device	..... .....	
5. Design of the Clinical Investigation			
5.1	Clinical Investigational Plan (CIP) information	Scientific title .....	
5.2	Clinical Investigational Plan title	Insert the following information: Abbreviated title Clinical Investigation Plan number Clinical Investigation Plan date Clinical Investigation Plan version Planned start date Planned completion date	
5.3	Type of Design	<input type="checkbox"/> Open-label non-randomized clinical investigation <input type="checkbox"/> Randomization, Randomized controlled clinical investigation Parallel group: ..... Cross over: ..... <input type="checkbox"/> Blinding <input type="checkbox"/> Single blinded <input type="checkbox"/> Double blinded <input type="checkbox"/> Other <input type="checkbox"/> Comparator used <input type="checkbox"/> Placebo <input type="checkbox"/> Comparator device, identify: .....	
5.4	Does this study include vulnerable subjects?	<input type="checkbox"/> No <input type="checkbox"/> Yes	
5.5	Size of the sample population	Planned total number of subjects involved in the clinical investigation ..... Planned number of subjects involved in South Africa .....	
5.6	Number of study centres in South Africa	.....	
5.7	Other countries where this clinical investigation is carried out	..... ..... .....	
5.8	Is there a Data Safety Monitoring Committee for this study?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

6	Investigation Site(s) in South Africa		
	Site 1	Name _____ Address _____ Phone _____ E-mail _____ Name of principal investigator _____ EC name _____ EC address _____ EC phone _____ EC E-mail _____ Protocol number approved by EC _____	
	Site 2	Name _____ Address _____ Phone _____ E-mail _____ Name of principal investigator _____ EC name _____ EC address _____ EC phone _____ EC E-mail _____ Protocol number approved by EC _____	
	<b>More sites if applicable can be added using the same format as in #6</b>		
7	<b>Declaration by Sponsor</b>		
I as the sponsor defined in this application: <input type="checkbox"/> undertake that I comply with the Ethics Committee requirements. <input type="checkbox"/> undertake that I will report to the Authority any Adverse device event of which I become aware for the investigational device without delay but not later than <10> working days of occurrence/becoming aware of the event. <input type="checkbox"/> undertake that I will provide the documents specified in section 4 in the SAHPRA'S guidance entitled Guidelines on Clinical Investigations of Medical Devices. <input type="checkbox"/> undertake to notify Ethics Committee and Principal investigators in case of withdrawal of SAHPRA's approval, or part of it, within five working days of receiving the withdrawal notice. <input type="checkbox"/> undertake, under any request from the SAHPRA, to respond by providing accurate, current, and complete information about any aspect of the study. <input type="checkbox"/> declare that SAHPRA has the right to inspect the study at any time without prior notification.			

<input type="checkbox"/> declare that all information provided in this application is true and complete.
<input type="checkbox"/> declare that I will maintain if applicable, an appropriate process for the safe return or disposal of investigational devices.
Name: _____
Position: _____
Date: _____
Signature: _____

DRAFT

**Annex II : Disclosure of Principal Investigator Conflict of Interests**

Title of Clinical Investigation Plan	
Date received:	
Clinical Investigation Application Number:	
<p>I disclose the following regarding my involvement in the investigation in the submitted application:</p> <p><input type="checkbox"/> any significant payments of other type made from the sponsor, including but not limited to a grant to fund ongoing research, compensation in the form of equipment, retainer or ongoing consultation, or honoraria;</p> <p><input type="checkbox"/> any proprietary interest in the investigational product held by the clinical investigator;</p> <p><input type="checkbox"/> any considerable equity interest (including but not limited to any ownership interest, stock deal, or other financial interest) held by the clinical investigator in the sponsor of the covered study.</p> <p>Details of the disclosable financial arrangements and interests are attached, along with a description of steps taken to minimize the potential bias of clinical study results by any of the disclosed arrangements or interests.</p> <p>Name of Principal Investigator: _____</p> <p>Date: _____</p> <p>Signature: _____</p>	

**Note: In case of Multicentre study, a separate form shall be filled for each Principal Investigator**